Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 27 Feb 2023 until 23:59 on Tuesday 28 Feb 2023

Forecast Issued on Monday 27 Feb 2023 at 03:18

Confidence: High confidence for generally settled conditions with some light showers, lower for cloud details.

Headline for Monday 27 Feb 2023: Mostly dry and cloudy, light showers at times.

Mountain weather hazards on Monday 27 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Cloudy	Cloudy	Dull	Cloudy	Cloudy
Precipitation probability					
20%	30%	30%	20%	20%	20%

Forecast for Monday 27 Feb 2023

Weather: Cloudy with a chance for some light showers throughout. A few breaks are possible, however these will be fairly limited, most likely during the evening in the south and west. Feeling cold in the brisk winds.

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Cloud will often be above the hills, but with occasional spells down to 600m, mainly during any showers. Otherwise some good views are expected, falling to moderate with any passing shower.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 27 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/23 NE	20/25 NE	19/24 NE	19/25 NE	17/23 NE	19/25 NE	18/24 NE
300	12/16 NE	15/18 NE	14/20 NE	14/21 NE	11/17 NE	11/18 NE	8/13 NE
Valley	7/17 NE	8/18 NE	10/19 NE	11/21 NE	7/17 NE	7/18 NE	4/13 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	1/-6	2/-4	2/-3	2/-3	1/-4	1/-5
300	3/-1	3/-2	5/1	6/2	5/1	4/0	4/1
Valley	4/1	4/1	6/3	7/3	5/3	4/2	4/2
Freezing Level*	600m	700m	800m	800m	800m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note severe chill effect on peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 27 Feb 2023	0mm	0.2mm	3mm

Forecast for Tuesday 28 Feb 2023

Weather: Cloud will continue to moves in from the northeast, likely shrouding lower hills than on Monday and bringing showers through the day. Rain showers fairly isolated in the morning, becoming more frequent in the afternoon and evening.

Maximum wind: Northeasterly 30mph.

Chance of cloud-free hill tops above 600m: 20% in east, 50% in west

Low cloud and visibility: Cloudy through much of the day with bases around 500m, although there should be more in the way of breaks through the afternoon, especially in the west. Good visibility beneath the cloud, but falling to poor or very poor in showers and summit cloud

Temperature: **Valleys:** Plus 2 Celsius, rising to Plus 7 Celsius.
At 600m: Zero Celsius. rising to Plus 3 Celsius
Freezing level: 700m, rising above the peaks through the day.

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